

ABSTRACT OF THE DISCLOSURE

A main lens section of an electron gun assembly comprises a fifth grid supplied with a focus voltage, a sixth grid supplied with a dynamic focus voltage, a first intermediate electrode, a second intermediate electrode, and a seventh grid. The main lens section includes an electric field lens acting commonly on the electron beams on a focus region side of the main lens section, which is formed by the fifth grid, sixth grid and first intermediate electrode, and a plurality of electric field lenses acting respectively on the electron beams on a divergence region side of the main lens section, which is formed by the second intermediate electrode and seventh grid.

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